

**UTILITY
PATENT APPLICATION
TRANSMITTAL**Attorney Docket No. **11-240**First Inventor or Application Identifier **KATO**Title **APPARATUS AND METHOD FOR DETECTING
ABNORMALITY OF A VIBRATION TYPE ANGULAR
VELOCITY SENSOR, ABNORMALITY DETECTING
PROGRAM, AND A RELATED VEHICLE CONTROL
SYSTEM**

(Only for new nonprovisional applications under 37 C.F.R. § 1.53(b))

Express Mail Label No.

APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents.

ADDRESS TO: Commissioner for Patents
Mail Stop Patent Application
Alexandria, VA 22313-1450

1. ☒ * Fee Transmittal Form (e.g., PTO/SB/17)
(Submit an original and a duplicate for fee processing)
2. ☒ Specification [Total Pages **24**]
- Descriptive title of the Invention
 - Cross Reference to Related Applications
 - Background of the Invention
 - Summary of the Invention
 - Brief Description of the Drawings
 - Detailed Description of the Preferred Embodiment
 - Claims
 - Abstract of the Disclosure
3. ☒ Drawing(s) (35 U.S.C. 113) [Total Sheets **4**]
4. Oath or Declaration [Total Sheets **3**]
- a. ☒ Newly executed (original or copy)
- b. ☐ Copy from a prior application (37 C.F.R. § 1.63 (d))
(for continuation/divisional with Box 16 completed)
- i. ☐ **DELETION OF INVENTOR(S)**
Signed statement attached deleting
inventor(s) named in the prior application,
see 37 C.F.R. §§ 1.63(d)(2) and 1.33(b).

5. ☐ Microfiche Computer Program (Appendix)
6. Nucleotide and/or Amino Acid Sequence Submission
(if applicable, all necessary)
- a. ☐ Computer Readable Copy
- b. ☐ Paper Copy (identical to computer copy)
- c. ☐ Statement verifying identity of above copies

ACCOMPANYING APPLICATION PARTS

7. ☒ Assignment Papers (cover sheet & document(s))
Assignee: **DENSO CORPORATION**
8. ☐ 37 C.F.R. § 3.73(b)
Statement (when there is an assignee) ☐ Power of Attorney
9. ☐ English Translation Document (if applicable)
10. ☒ Information Disclosure Statement (IDS)/PTO-1449 ☒ Copies of IDS Citations
11. ☐ Preliminary Amendment
12. ☒ Return Receipt Postcard (MPEP 503)
(should be specifically itemized)
- *Small Entity Statement(s) ☐ Statement filed in prior application,
(PTO/SB/09-12) Status still proper and desired
13. ☐ Certified Copy of Priority Document(s)
(if foreign priority is claimed)
14. ☒ Other:
15. ☐ Other:

*NOTE FOR ITEMS 1 & 13: IN ORDER TO BE ENTITLED TO PAY SMALL ENTITY FEES, A SMALL ENTITY STATEMENT IS REQUIRED (37 C.F.R. § 1.27), EXCEPT IF ONE FILED IN A PRIOR APPLICATION IS RELIED UPON (37 C.F.R. § 1.28)

16. If a **CONTINUING APPLICATION**, check appropriate box, and supply the requisite information below and in a preliminary amendment:

☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP) of prior application No: _____

Prior application information: Examiner _____

Group/Art Unit: _____

For CONTINUATION or DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 4b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

17. CORRESPONDENCE ADDRESS☒ Customer Number or Bar Code Label**23400**

(Insert Customer No. or Attach bar code label here)

or ☐ Correspondence address below

Name

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State

Zip Code

Country

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Fax

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Name (Print/Type)

DAVID G. POSZ

Registration No. (Attorney/Agent)

37,701

Signature



Date

March 25, 2004

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

FEE TRANSMITTAL for FY 2004

Effective 10/01/2003. Patent fees are subject to annual revision.

☐ Applicant Claims small entity status. See 37 CFR 1.27**Complete if Known**

Application Number	
Filing Date	March 25, 2004
First Named Inventor	KATO
Examiner Name	
Art Unit	
Attorney Docket No.	11-240

TOTAL AMOUNT OF PAYMENT (\$)**982****METHOD OF PAYMENT (check all that apply)**☒ Check ☐ Credit card ☐ Money Order ☐ Other ☐ None☐ Deposit AccountDeposit Account Number
Deposit Account Name

50-1147

POSZ & BETHARDS, PLC

The Commissioner is authorized to: (check all that apply)

☐ Charge fee(s) indicated below ☒ Credit any overpayments☒ Charge any additional fee(s) during the pendency of this application☐ Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.**FEE CALCULATION****1. BASIC FILING FEE**

Large Entity	Fee Code	Fee (\$)	Small Entity	Fee Code	Fee (\$)	Fee Description	Fee Paid
	1001	770		2001	385	Utility filing fee	770
	1002	340		2002	170	Design filing fee	
	1003	530		2003	265	Plant filing fee	
	1004	770		2004	385	Reissue filing fee	
	1005	160		2005	80	Provisional filing fee	

SUBTOTAL (1) (\$)**770****2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE**

Total Claims	Extra Claims	Fee from below	Fee Paid
10	-20**= 0	18	0
Independent Claims	5	-3**= 2	86
Multiple Dependent			

Large Entity	Fee Code	Fee (\$)	Small Entity	Fee Code	Fee (\$)	Fee Description
	1202	18		2202	9	Claims in excess of 20
	1201	86		2201	43	Independent claims in excess of 3
	1203	290		2203	145	Multiple dependent claim, if not paid
	1204	86		2204	43	**Reissue independent claims over original patent
	1205	18		2205	9	**Reissue claims in excess of 20 and over original patent

SUBTOTAL (2) (\$)**172**

** or number previously paid, if greater; For Reissues, see above

FEE CALCULATION (continued)**3. ADDITIONAL FEES**

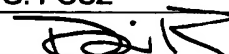
Large Entity	Fee Code	Fee (\$)	Small Entity	Fee Code	Fee (\$)	Fee Description	Fee Paid
	1051	130		2051	65	Surcharge - late filing fee or oath	
	1052	50		2052	25	Surcharge - late provisional filing fee or cover sheet	
	1053	130		1053	130	Non-English specification	
	1812	2,520		1812	2,520	For filing a request for <i>ex parte</i> reexamination	
	1804	920*		1804	920*	Requesting publication of SIR prior to Examiner action	
	1805	1,840*		1805	1,840*	Requesting publication of SIR after Examiner action	
	1251	110		2251	55	Extension for reply within first month	
	1252	420		2252	210	Extension for reply within second month	
	1253	950		2253	475	Extension for reply within third month	
	1254	1,480		2254	740	Extension for reply within fourth month	
	1255	2,010		2255	1005	Extension for reply within fifth month	
	1401	330		2401	165	Notice of Appeal	
	1402	330		2402	165	Filing a brief in support of an appeal	
	1403	290		2403	145	Request for oral hearing	
	1451	1,510		1451	1,510	Petition to institute a public use proceeding	
	1452	110		2452	55	Petition to revive - unavoidable	
	1453	1,330		2453	665	Petition to revive - unintentional	
	1501	1,330		2501	665	Utility issue fee (or reissue)	
	1502	480		2502	240	Design issue fee	
	1503	640		2503	320	Plant issue fee	
	1460	130		1460	130	Petitions to the Commissioner	
	1807	50		1807	50	Processing fee under 37 CFR 1.17(q)	
	1806	180		1806	180	Submission of Information Disclosure Stmt	
	8021	40		8021	40	Recording each patent assignment per property (times number of properties)	40
	1809	770		2809	385	Filing a submission after final rejection (37 CFR § 1.129(a))	
	1810	770		2810	385	For each additional invention to be examined (37 CFR § 1.129(b))	
	1801	770		2801	385	Request for Continued Examination (RCE)	
	1802	900		1802	900	Request for expedited examination of a design application	

Other fee (specify) _____

*Reduced by Basic Filing Fee Paid

SUBTOTAL (3)

(\$)**40****SUBMITTED BY****Complete (if applicable)**

Name (Print/Type)	DAVID G. POSZ	Registration No. (Attorney/Agent)	37,701	Telephone	(703) 707-9110
Signature		Date	March 25, 2004		

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 37 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450. If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.